

**DRAFT**

**PRE-CERCLIS SCREENING ASSESSMENT**

**CHECKLIST/DECISION FORM**

**FOR**

**FORMER MINDEL LEAD SITE**

**Benton Harbor, Berrien County**

**Michigan**

**September 11, 2002**

US EPA RECORDS CENTER REGION 5



421658

# PRE-CERCLIS SCREENING ASSESSMENT CHECKLIST/DECISION FORM

This checklist can assist the investigator during the Pre-CERCLIS screening. It will be used to determine whether further steps in the site investigation process are required under CERCLA. Use additional sheets, if necessary.

**Checklist Preparer:** Nabil Seif/EQA 9/11/2002  
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 (E-mail Address)

**Site Name:** Former Mindel Lead site

**Previous Names (if any):** Mindel, M & Sons

**Site Location:** 319 8th Street  
 (Street)

Benton Harbor MI 49022  
 (City) (State) (Zip)

**Latitude:** \_\_\_\_\_ **Longitude:** \_\_\_\_\_

Complete the following checklist. If "yes" is marked, please explain below.

	Yes	NO
1. Does the site already appear in CERCLIS?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Is the release from products that are part of the structure of, and result in exposure within, residential buildings or businesses or community structure?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Does the site consist of a release of a naturally occurring substance in the unaltered form, or altered solely through naturally occurring processes or phenomena, from a location where it is naturally found?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Is the release into a public or private drinking water supply due to deterioration of the system through ordinary use?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Is some other program actively involved with the site (i.e., another Federal, State, or Tribal program)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Are the hazardous substances potentially released at the site regulated under a statutory exclusion (i.e., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring or regulated by the NRC, UMTRCA, or OSHA)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Are hazardous substances potentially released at the site excluded by policy considerations (e.g., deferral to RCRA Corrective Action)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8. Is there sufficient documentation that clearly demonstrate that there is no potential for a release that could cause adverse environmental or human health impacts (e.g., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, documentation showing that no hazardous substance release have occurred, EPA approved risk assessment completed)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Please explain all "yes" answer(s), attach additional sheets if necessary:**

No emergency removal activities were conducted at this site

**SITE DETERMINATION:**

- ☐ Enter the site into CERCLIS. Further assessment is recommended (explain below)
- ☒ The site is not recommended for placement into CERCLIS (explain below)

**DECISION/DISCUSSION/RATIONALE:**

**State Agency/Tribe:**

Valil Sej  
Print Name/Signature

9/11/02  
Date

**Regional EPA Reviewer:**

\_\_\_\_\_  
Print Name/Signature

\_\_\_\_\_  
Date

## PRE-CERCLIS DECISION

The Former Mindel Lead site is a vacant lot located at 319 8<sup>th</sup> Street, Benton Harbor, Berrien County. The site is located in a mixed residential, commercial, and light industrial area. Prior to be a vacant lot, the site was occupied by the Former Mindel lead smelting factory. Lead smelting factories reclaim lead from items such as car batteries and convert it back to pure lead and lead alloys.

On February 22, 2002, the Michigan Department of Environmental Quality, Environmental Response Division (MDEQ-ERD) conducted a Pre-CERCLIS Screening at the site. The Screening included walk through of the site and the analysis of 30 surficial soil samples using an XRF unit. The results of the XRF readings indicated the presence of lead in one of the surficial soil samples above the Direct Contact Cleanup Criteria of Part 201, Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 Pa 451, as amended (NREPA).

The site is not fenced and access to the site is not restricted, therefore, there is a potential for soil exposure at the site. The site is mostly vegetated, but there are some areas with no vegetation cover, therefore, there is potential of ingestion or and or inhalation of lead contaminated dust.

Contaminants detected at the property have the potential to migrate downward through the soil to groundwater. However, the city of Benton Harbor obtains its drinking water from surface water intakes in Lake Michigan located approximately 2 miles east of the site. The St. Joseph River flows approximately one and one half mile east of the site. There does not appear to be a potential for groundwater surface water interface contamination from the site.

Due to the fact that the site is not a National Priorities List caliber and based on the finding of this investigation, the site is not recommended for placement into CERCLIS.